



2020 Oklahoma GeroScience Symposium

The Role of Proteostasis in Aging and Age-Related Diseases

May 6, 2020

The Oklahoma Nathan Shock Center on Aging, Oklahoma City

To Register: oklahomanathanshockcenteronaging.org/symposium-registration/

Keynote Speaker



Peter Walter, Ph.D.

University of California San Francisco

The Role of the Unfolded Protein Response in Maintaining Cellular Homeostasis in Age-Related Diseases

Featured Speakers



Richard Morimoto, Ph.D.
Northwestern University

The Biology of Proteostasis in Aging and Disease



Ana Maria Cuervo, Ph.D.
Albert Einstein College of Medicine

Selective Autophagy as a Potential Target for Age-related Disorders



Rong Li, Ph.D.
Johns Hopkins University

The Role of Mitochondrial-Mediated Proteostasis in the Dissolution of Misfolded Cytosolic Proteins



David Walker, Ph.D.
University of California at Los Angeles

Interventions that Induce Mitophagy Improve Proteostasis and Prolong Healthspan



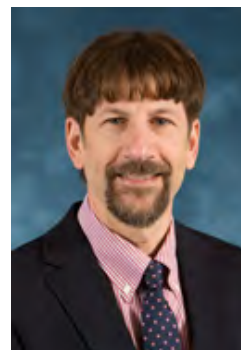
Ursula Jakob, Ph.D.
University of Michigan

Developmental ROS Individualizes Organismal Stress Resistance and Lifespan



Benjamin Miller, Ph.D.
Oklahoma Medical Research Foundation

Protein Synthesis and Breakdown as Energetically Sensitive Modulators of Proteostasis



Peter Arvan, M.D., Ph.D.
University of Michigan

The Unfolding Story of Proinsulin



Jian Li, Ph.D.
Oklahoma Medical Research Foundation

Germline-Specific Roles of HSF1 and its Regulation in Reproductive Longevity